

Date: Wed, 24 Nov 93 01:33:36 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1380
To: Info-Hams

Info-Hams Digest Wed, 24 Nov 93 Volume 93 : Issue 1380

Today's Topics:

Daily Summary of Solar Geophysical Activity for 17 November

DAYTON 94 - info please ?

grounding the MFJ-16010 Rndom Wire Tuner?

info on Alinco DJ-162

Mag Mount Paint Damage

MISS MANNERS IN THE N

modifiable radios

re: CONELRAD-what was it?

Source for FCC 610 form?

Time to get ticket

WARNING: Potential Satellite Anomaly Warning

WEFAX and the KPC-3

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 17 Nov 1993 23:07:55 MST
From: dog.ee.lbl.gov!agate!spool.mu.edu!sol.ctr.columbia.edu!destroyer!
nntp.cs.ubc.ca!alberta!adec23!ve6mgs!usenet@network.ucsd.edu
Subject: Daily Summary of Solar Geophysical Activity for 17 November
To: info-hams@ucsd.edu

DAILY SUMMARY OF SOLAR GEOPHYSICAL ACTIVITY

17 NOVEMBER, 1993

levels.

Event probabilities 18 nov-20 nov

Class M	50/50/50
Class X	05/05/05
Proton	05/05/05
PCAF	Green

Geomagnetic activity probabilities 18 nov-20 nov

A. Middle Latitudes	
Active	30/30/10
Minor Storm	25/25/05
Major-Severe Storm	10/10/01
B. High Latitudes	
Active	45/35/20
Minor Storm	20/15/05
Major-Severe Storm	10/10/01

HF propagation conditions were normal over all regions. Minor deterioration of signal qualities for transpolar and transauroral circuits is expected over the next 24 to 48 hours with greatest instabilities expected during the local night and sunrise sectors. Middle and low latitude paths should remain near-normal with possibly only slightly increased levels of night-sector fading and multipathing over the higher latitude paths. Conditions should return to near-normal over all regions by 20 November.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 17/2400Z NOVEMBER

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
7618	N09E07	338	0650	DKI	10	047	BETA	
7616	N11W59	046					PLAGE	
7619	N10W58	045					PLAGE	

REGIONS DUE TO RETURN 18 NOVEMBER TO 20 NOVEMBER

NMBR	LAT	LO
NONE		

LISTING OF SOLAR ENERGETIC EVENTS FOR 17 NOVEMBER, 1993

BEGIN MAX END RGN LOC XRAY OP 245MHZ 10CM SWEEP SWF
 NO EVENTS OBSERVED

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 17 NOVEMBER, 1993

 BEGIN MAX END LOCATION TYPE SIZE DUR II IV
 NO EVENTS OBSERVED

INFERRED CORONAL HOLES. LOCATIONS VALID AT 17/2400Z

 ISOLATED HOLES AND POLAR EXTENSIONS
 EAST SOUTH WEST NORTH CAR TYPE POL AREA OBSN
 NO DATA AVAILABLE FOR ANALYSIS

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	2695 MHz	8800 MHz	15.4 GHz
16 Nov:	0002	0019	0039	B3.2						
	0456	0458	0501	B3.0						
	0907	0912	0915	C1.0	SF	7618	N10E30			
	0929	0933	0937	B4.2						
	1039	1042	1044	B2.6						
	2322	2326	2335	B2.6						
	2349	2353	2356	B1.7						

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

	C	M	X	S	1	2	3	4	Total	(%)
Region 7618:	1	0	0	1	0	0	0	0	001	(14.3)
Uncorrelated:	0	0	0	0	0	0	0	0	006	(85.7)

Total Events: 007 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	Sweeps/Optical Observations
NO EVENTS OBSERVED.								

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II	= Type II Sweep Frequency Event
III	= Type III Sweep
IV	= Type IV Sweep
V	= Type V Sweep
Continuum	= Continuum Radio Event
Loop	= Loop Prominence System,
Spray	= Limb Spray,
Surge	= Bright Limb Surge,
EPL	= Eruptive Prominence on the Limb.

** End of Daily Report **

Date: Mon, 22 Nov 1993 09:45:52 GMT
From: munnari.oz.au!spool.mu.edu!howland.reston.ans.net!pipex!Q.icl.co.uk!dsbc!
iclbra!prs@network.ucsd.edu
Subject: DAYTON 94 - info please ?
To: info-hams@ucsd.edu

Hello

I'm going to be in the states in April or May next year. Can anyone tell me when the Dayton event takes place. Anyone have any details of the event ?

E-mail direct any replies.

tnx

73

Peter
G0PUB

--... ..-- -... . --. ----- .--. ...- -... -.- (Pub Inspector)

Peter Swynford is available... TEL: +44 344 472625 FAX: +44 344 473300
or at prs@oasis.icl.co.uk ICL: 7263-2625 AX25: G0PUB@GB7BEQ.GBR.EU
Disclaimer: See Paragraph 2.4.a of section 1.a (article 7) (iii) of the
Town and Country Planning Act, 1967.

Date: Fri, 19 Nov 1993 03:07:30 GMT
From: news.uiowa.edu!icaen!drenze@uunet.uu.net
Subject: grounding the MFJ-16010 Rndom Wire Tuner?
To: info-hams@ucsd.edu

What's the best way to ground the MFJ-16010 Random Wire Tuner (ie, where on the tuner). This is my situation: When I'm tuning up to the dummy load, my SWR meter registers decent SWR. But when I tune up to my random wire, it registers straight 1:1 SWR--no matter wht settings I use on the tuner.

Any thoughts? Is this caused by lack of a decent ground, and if so, will grounding help, or no?

Tnx es 73 de doug, n0yvw

--
-- /| | Douglas J Renze, N0YVW | I just finished reading Joe Haldeman's "All
'o.o' | +1 319 337 4664 | My Sins Remembered." I've felt a lot of
=(___)= | drenze@icaen.uiowa.edu | emotions from books, but this is the first
U | Douglas-Renze@uiowa.edu | time I've felt the need to purge myself.

Date: 23 Nov 93 21:46:45 GMT
From: ogicse!uwm.edu!csd4.csd.uwm.edu!pachner@network.ucsd.edu
Subject: info on Alinco DJ-162
To: info-hams@ucsd.edu

I just purchased an Alinco DJ-162TD. I was wondering if there are any mods available for the out of band recieve. Also, this unit might be used as a Civil air Patrol radio for my dad, so are there any out of band transmit mods. Thanks for any info.

--
Thomas Jay Pachner ==- Music Major, Bassist, Gamer, and Amateur Operator
University of Wisconsin - Milwaukee - pachner@csd4.csd.uwm.edu
BARNEY MUST DIE!!!!!!!!!!
Amateur Call Sign: N9UJJ

Date: Mon, 22 Nov 1993 13:01:59 GMT
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!cs.utexas.edu!asuvax!
ennews!mcdphx!schbbs!mothost!lmpsbbs!news@network.ucsd.edu
Subject: Mag Mount Paint Damage
To: info-hams@ucsd.edu

In article 7530@nic.csu.net, David Van Nuys <vannuysd@sonoma.edu> writes:
{I notice that my two-meter mag mount is leaving rings on the paint of my
{trunk. Has anyone got any tips for preserving the paint and still using
{a mag mount?
{
{Please send e-mail. Thanks.
{
{David
{AB6XR

I use the corner from a large "Zip Lock" bag under mine. Be careful not just
to use any plastic bag, some will damage the paint when exposed to sunlight.

73,
Bruce, WB4YUC, e1 YUCCO. . .

Date: Tue, 23 Nov 93 10:07:36
From: netcomsv!netcomsv!lavc!steven.rosenberg@decwrl.dec.com
Subject: MISS MANNERS IN THE N
To: info-hams@ucsd.edu

> Abosolutely, I agree that we should drop by the N/T segments often and
> offer a friendly hand.

Experienced hams: PLEASE heed this advice and come to the Novice CW bands!

Date: Tue, 23 Nov 1993 18:40:53 GMT
From: ukma!rsg1.er.usgs.gov!dgg.cr.usgs.gov!bodoh@seismo.css.gov
Subject: modifiable radios
To: info-hams@ucsd.edu

In article <754069539.AA01628@rochgte.fidonet.org>,
David.Stark@p2.f333.n2613.z1.fidonet.org (David Stark) writes:
|>...
|> Why, you ask, is the '24AT et al an endangered species? Because they violate
|> the new TDDRA and can be "easily modified" to receive cellular telephone
|> calls. Folks, we are already riding down the "slippery slope" to the end of

|> hobby radio as we know it.
|>

I would not expect any of the manufacturers of amateur equipment to drop any radios because of the TDDRA - unless they are due to be dropped anyway. Most manufacturers of amateur (and scanner) equipment will most likely revise the firmware/CPU so that it does not allow for modifications to receive cellular. Radio SHack has already announced (or hinted) that the PRO-2006 will be replaced with the PRO-2007 and the PRO-43 will be replaced by the PRO-43A. In both cases, the major change will be the firmware/CPU...

The TTDRA does not address the ability of dual conversion radios to easily monitor cellular images. I have heard rumblings that Radio Shack MAY drop all dual conversion 800 Mhz scanners in anticipation that the FCC will ammend the TDDRA to specifically address dual conversion images.

--

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+++++
+ Tom Bodoh - Sr. systems software engineer, Hughes STX, N0YGT      +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198      (605) 594-6830      +
+ Internet; bodoh@dggs.cr.usgs.gov (152.61.192.66)      +
+ "Welcome back my friends to the show that never ends!" EL&P      +
+++++
```

Date: 23 Nov 93 23:22:39 GMT
From: ogicse!cs.uoregon.edu!sgiblab!spool.mu.edu!news.nd.edu!
mac33@network.ucsd.edu
Subject: re:CONELRAD-what was it?
To: info-hams@ucsd.edu

In article <CGvotM.8un@freenet.carleton.ca>, ab510@Freenet.carleton.ca
(George W. Attallah) wrote:

>
>
> I have an early 50s bc reciever with triangular symbols at 640 and 1240 khz.
> I have been told that these were for CONELRAD. Are there any old timers
> out there who can fill me in on this? TNX.
>
> --
> GEORGE ATTALLAH-"THE LAST SURVIVOR OF THE GROUP OF ONE"

I think it was an ancient precursor of the Emergency Broadcast System (or whatever the Canadian equivalent might be). Are you sure your Jurassic radio is marked in kilohertz? In those days I think they were still talking about "kilocycles."

Date: 23 Nov 93 05:16:56 GMT
From: ogicse!cs.uoregon.edu!sgiblab!swrinde!elroy.jpl.nasa.gov!
spinnaker.jpl.nasa.gov!user@network.ucsd.edu
Subject: Source for FCC 610 form?
To: info-hams@ucsd.edu

In response to my original posting, the most popular methods for obtaining a 610 form are:

- 1) Ask your local Volunteer Examiner group
- 2) Send a SASE to the ARRL at:
ARRL
Special Requests - FCC Form 610
225 Main St
Newington CT 06111

Bart Jahnke <bjahnke@arrl.org> mentions that:

> Generally, few if any FCC offices now have the 610 form. Even if they did,
> the FCC's policy has been to handle all forms distribution through a
> contractor they use who is located in Maryland.

and Luck Hurder <lhurder@arrl.org> says:

> FCC requires/demands that 610 forms be on a SPECIFIC colored,
> SPECIFIC weight paper. It's not something that can be just
> placed on disk and let loose.

So it seems that keeping a PostScript version on line somewhere is out of the question.

Thanks and 73 to all who responded,

--

Leif J. Harcke, N3EEN
Leif_J_Harcke@jpl.nasa.gov

Date: 24 Nov 93 03:21:12 GMT
From: news-mail-gateway@ucsd.edu
Subject: Time to get ticket
To: info-hams@ucsd.edu

Several comments in last few months about time it takes US FCC to issue amateur licenses. Several folks passed along their "results" calendars. They all left off the final relevant date.

Me:

Tested 30 Aug 93 (930830, 8/30/93, 30.8.93 -- whatever)

License dated 5 Oct 93

Received 7 Oct 93

Here's the REAL kicker:

First mailing list mail received 23 Nov 93

Guaranteed to be from FCC file because of minor coded addition in address used on mailing label.

It was from Amateur Electronic Supply, Milwaukee.

Sharp marketing, AES!

Paul Marsh N0ZAU (buried under junk mail) in Omaha

pmarsh@metro.mccneb.edu

Date: Thu, 18 Nov 1993 10:17:04 MST

From: dog.ee.lbl.gov!agate!usenet.ins.cwru.edu!eff!news.kei.com!yeshua.marcam.com!

zip.eecs.umich.edu!destroyer!nntp.cs.ubc.ca!alberta!adec23!ve6mgs!

usenet@network.ucsd.edu

Subject: WARNING: Potential Satellite Anomaly Warning

To: info-hams@ucsd.edu

/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\

POTENTIAL SATELLITE ANOMALY WARNING

ISSUED: 16:30 UT, 18 NOVEMBER

/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\

The following report is experimental. We would like to solicit comments on the usefulness of satellite anomaly warning reports (specifically warning of geosynchronous magnetopause crossings).

ATTENTION:

A sudden magnetic impulse of 16 nT marked the arrival of a disturbance at 12:11 UTC on 18 November. The field at geosynchronous altitudes was jolted by approximately 22 nT, after which generally active geomagnetic conditions prevailed. However, magnetospheric ram pressure has increased over the last hour and is resulting in sufficient magnetospheric compression to produce magnetopause crossings by geosynchronous satellites. Both GOES-6 and GOES-7 have penetrated the magnetopause and are still within the magnetosheath as of 16:30 UTC.

Geosynchronous satellites may suffer additional magnetopause crossings over the next 12 hours.

** End of Warning **

Date: 22 Nov 1993 09:35:57 -0600
From: ucsnews!sol.ctr.columbia.edu!emory!europa.eng.gtefsd.com!gatech!concert!corpgate!crchh327.bnr.ca!kharker@network.ucsd.edu
Subject: WEFAX and the KPC-3
To: info-hams@ucsd.edu

I am trying to decode some WEFAX transmissions on HF using my KPC-3 TNC. I am currently on a DOS box, and I am using a program called AUTOFAX written specifically for the Kantronics line of TNCs. Basically, the KPC-3 can be sent the command WEFAX, which will cause it to start decoding the audio it is receiving into black or white pixel values. AUTOFAX is written as a basic terminal program that can send the TNC the WEFAX command and jump into a graphics mode of displaying the pixels.

Well, so far all I have been able to get is regular patterns of static. The radio I am using is my old reliable DX-440 (Sangean ATS-803A) shortwave receiver. The connection to the TNC is made using the same cable that I connect my borrowed Yaesu handheld to the TNC for VHF packet, and goes into the DX-440's headphone output jack.

One of the problems with this setup may be the radio. The DX-440 has a one kHz tuning resolution. According to the KPC-3 manual, the way to tune in WEFAX transmissions is to tune 1.7 kHz below the listed frequency, and tune in on upper sideband. I can do the the upper sideband part, but the closest I come to the proper tuning for 8080 kHz (which means you would really want to tune 8078.3 kHz) is either 8078 kHz or 8079 kHz. It's also possible that none of the frequencies listed in the KPC-3 manual were broadcasting at the time I tried it (around 0400 UTC) or that my location in north central Texas is just bad for WEFAX. It's also possible that the DX-440 just can't cut it.

So, I am asking for any critiques/comments on my setup - anything that might help. Something like perhaps a simple circuit to raise the input freq by 0.3 kHz? Or maybe someone could send me a WEFAX sked they know to be valid? Anything to help would be appreciated.

--

=====
Kenneth E. Harker BNR "Any opinions expressed
kharker@bnr.ca Richardson, Texas, USA are solely mine and do
N1PVB (214) 684-5115 not represent BNR"
=====

Date: Mon, 22 Nov 93 14:42:17 GMT
From: mnemosyne.cs.du.edu!nyx10!lkollar@uunet.uu.net
To: info-hams@ucsd.edu

References <1993Nov16.201718.1832@cbis.ece.drexel.edu>,
<CGnHLz.Ioo@odin.corp.sgi.com>, <henrysCGq0vC.J60@netcom.com>.edu
Subject : Re: CW abbreviations

henrys@netcom.com (Henry B. Smith) writes:

>Maybe we need a q signal for "Who was just sending CQ?" and "I hear
>you guys signing, so who's left?".

How about QCQ? Is it taken? I think "QRZ?" would fit this situation as
well; I've heard it done once or twice.

I've heard -- and used -- question marks to fill in missing characters in
a call:

W?7XYZ DE KC4WZK KC4WZK KN

For the other situation, I try to listen & figure out which one just got
a dinner call or whatever, and call the other one after the "dit dit."
That works about half the time. I figure the rest of the time the person I
tried to call also pulled the switch, spun the dial or whatever.

For myself, I've learned to wait around a few seconds after finishing a QSO
ever since I had someone jump in to tell me I was 30 over 9 in Columbia. :-)

Wondering how one gets a new Q-signal approved, I am --

--

Larry Kollar, KC4WZK | I like CW, but that doesn't mean I think every ham
lkollar@nyx.cs.du.edu | should have to learn it.

"On the Internet, nobody knows you're a dog."

Date: Tue, 23 Nov 1993 18:44:00 GMT
From: elroy.jpl.nasa.gov!swrinde!cs.utexas.edu!howland.reston.ans.net!
darwin.sura.net!martha.utcc.utk.edu!utkvx.utk.edu!rweiner@decwrl.dec.com
To: info-hams@ucsd.edu

References <CGp8ry.B9G@cbnewsm.cb.att.com>,
<1993Nov19.142433.19962@mnemosyne.cs.du.edu>, <CGwLJ5.4K8@fc.hp.com>du

Subject : Re: CW QSO's, New hams who need practice read this!!

In article <CGwLJ5.4K8@fc.hp.com>, dave@fc.hp.com (Dave Hodge) writes...
>Add me to the CW contact list. At the moment I'm limited to 10/15/20/40,
>but I hope to add 80 soon. My comfort level is about 10 wpm, but slower
>is fine, of course. All I ask in return is a QSL card if your contact
>is a new state/mode or state/band for me.
>
>Send mail, and we can set up a schedule.
>
>--
>
>Dave Hodge KF0XD Hewlett Packard
>dave@hpfcdjh.fc.hp.com User-Interface Hardware Lab
>(303) 229-2141 (voice) Advanced Systems Division
>(303) 229-4515 (FAX) Ft. Collins, CO
Yep, add me also. My call KC4URW. Give me an idea of times and freq. I'm
usually home after 6pm.
Return mail to: RWERNER@UTKVMX.UTK.EDU
-... . -.- -.-.- ... -.- .-- ... -.-

Date: Tue, 23 Nov 1993 18:20:11 GMT
From: netcomsv!netcom.com!btoback@decwrl.dec.com
To: info-hams@ucsd.edu

References <CGvotM.8un@freenet.carleton.ca>, <arog.753969080@BIX.com>,
<1993Nov23.113409.29442@ke4zv.atl.ga.us>
Subject : Re: CONELRAD-what was it?

In article <1993Nov23.113409.29442@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary
Coffman) writes:

>
>[CONELRAD] was a nice theory, but it didn't work in practice because ...
>[Long, cogent explanation deleted]

>The new EBS system is different. It's primarily a defined network
> [Long, cogent technical explanation and description of usage policy deleted]

Alright, I give up.

Is Gary Coffman (a) A huge computer data base with a natural language
interface; (b) the pseudonym for a group of half a dozen experts in
a dozen different disciplines; or (3) a dilettante in the Charles Darwin
mold, only with even more interests and much better sources?

The quality and quantity of his output would be incredible even if this

were the only newsgroup he posts to. But there's at least one more that I know of, and maybe more as well.

I sure hope somebody has backup tapes for this guy.

-- Bruce Toback

End of Info-Hams Digest V93 #1380
